

his secret is not in my keeping; all the attempts hitherto made to unmask him have been futile:—Vale, Vale!

Yours most truly,

Epping, Nov. 5, 1834.

Δ.

ART. XLII.—*Essay on Parasitic Hymenoptera.*

By A. H. HALIDAY.

(Continued from page 259.)

Of the Ichneumones Adsciti.

GEN. VI. LEIOPHRON.

Palpi maxillares 5-articulati: oculi glabri s. subglabri: alarum anticarum areolæ cubitales duæ; posticarum areola brachialis posterior apice rectâ clausa: aculeus deflexus aut reconditus.

Os breve: mandibulæ apice bidentes, cuneatæ curvatæ, sub clypeo forcipatæ, cum labro os anticè claudentes: labrum transversum: epipharyngis ligula apicalis attenuata prostans; maxillæ lobus membranaceus obtusus: palpi maxillares 5-articulati: articulus 1^{mus}. non perbrevis, 2^{dus}. reliquis crassior, 3^{tius}. plerunque longior: labii lobus integer obtusus: palpi labiales plerunque 3-articulati, rarius articulo penultimo minutissimo aucti: antennarum articulorum numerus varius: facies supra clypeum bifoveolata: oculi glabri vel pilis raris erectis consiti, quarum discrimini speculo subtiliore opus est: ocelli in triangulum: occiput marginatum parum concavum: thorax oblongo-ovatus convexus: abdominis segmenta 2^{dum}. et 3^{tium}. vix manifestè discreta: 6^{tum}. ventrale haud insigniter productum: aculeus deflexus aut reconditus: pedes mediocres; calcaria parva: alæ diaphanæ; anticarum stigma distinctum, areola disci-antica a cubitali discreta, cubitales duæ nusquam coarctatæ, rarius unâ effusæ:—posticarum areola radialis remota (i. e. a brachiali), brachialis posterior anteriore parum brevior, nervo transverso apicis recto.

Colores sæpius nigri nitidi, rarius flavescentes: magnitudo variat: de vitâ et moribus nihil fere constat: larva speciei cujusdam in larvâ boletophagâ Insecti Coleopteri vixerat.

¶ *Tabula Synoptica Subgenerum.*

<i>Areola radialis</i> <i>alarum antica-</i> <i>rum,</i>	{ elongata; an-	remota	1. PYGOSTOLUS.
		{ contigua; Me-	bisulcum 2. ANCYLUS.
			lævigatum 3. CENTISTES.
		brevissima semilunata 4. LEIOPHRON.	

Subgen. I.—PYGOSTOLUS.

Labrum quam sequentibus brevius, epipharyngis marginem antice nonnihil retegens: palpi maxillares articulis 1^{mo}. et 2^{do}. longitudine subæqualibus, 3^{tio}. elongato: labiales 4-articulati; articulus secundus crassus obovatus, 3^{tius}. minutissimus tuberculiformis, 2^{di}. apici exteriori insidens et eccentricus sive cum quarto non connexus, 4^{tas}. elongatus utrinque attenuatus: antennæ elongatæ graciles: oculi globoso-prominuli: caput pone oculos angustius: stemmaticum elevatum: occiput distincte marginatum: mesothoracis scutum sulculis ordinariis incisum: abdomen breviter ovatum convexum segmentum 1^{um}. breve rectangulum, angulis baseos prominulis, 2^{dum}. illo plus dimidio longius (re ipsa e duobus conflatum lineolâ subtilissima discretis), sequentia brevia at non recondita: anus obtusus supra aculeum rimâ verticali supernè patulâ fissus: aculeus deflexus, valvulis linearibus, vagina ensiformi, basi subtus squamulâ geminâ conchiformi suffultus: venter contractus, medio carinatus, segmentis apice elevatis, sexto subretuso: tibiæ anticæ subarcuatæ; pedes posteriores breves: alarum] anticarum stigma anguste trigonum fere lanceolatum, areola radialis in apicem alæ rectâ excurrans cultrata, antica disci manifeste remota, brachialis posterior anteriorem superans: nervus recurrens areolæ cubitali 2^{dæ}. insertus:—posticarum radius prope basin areolæ radialis a costa leniter deflexus.

Sp. 1. L. P. sticticus. Fem. *Testaceus macula verticis margine antico thoracis, metathorace abdominisque basi fuscis.* (Long. corp. 3 lin.; alar. 6½.)

Ichneumon sticticus . . . *Fabr. Suppl.*

Cryptus sticticus . . . *Fabr. Syst. Piez.* 89.

Bassus testaceus . . . *Fall. Spec. Meth. Hymenopt.*

Testaceus palpis pedibus que pallidioribus flavescentibus: mandibulæ cuspide fuscâ: antennæ circiter 33-articulatæ, corpore paulo longiores, scapo et pedicello testaceis, articulis flagelli pubescentibus et apice longiûs pilosis, interioribus obscure testaceis

apice fuscis, exterioribus fuscis: oculi obscure virides: stemmaticum et declivitas verticis fuscae: prothorax immaculatus: mesothoracis scuti lobus medius antice fuscus: punctum fuscum supra radicem alarum: metathoracis scutum et scutellum testacea, postscutellum convexum subtiliter granulatum et lanuginosum, fuscum aut fuscocinereum: medi- et post pectus concoloria: abdominis segmentum 1^{mum}. carinulâ elevatâ postice effusâ et obliteratedâ, fuscum aut fuscocinereum apice testaceum: reliqua testacea: venter medio infuscatus: aculeus dimidii abdominis longitudine, valvulis fuscis pubescentibus, vaginâ testaceâ: ungues fuscus: alæ hyalinae stigmatibus radice et squamulis stramineis, nervis partim fuscis partim pallidis.

Variat metathorace pectore et segmenti 1^{mi}. basi summâ tantum fusco-testaceis.

Variat item mesothoracis lobis humeralibus fusco maculatis.

Habitat in nemoribus femina non infrequens; *mas* adhuc invisus.

Subgen. II.—ANCYLUS.

Gen. Ancylos. Div. 2^{da}. *Hal. Ent. Mag.* Vol. I. p. 261.

Trophii fere quales subgeneri 4^{to}. (*Leiophron*). Palporum maxillarium articulus 1^{mus}. 2^{do}. non longior: caput oblatius: antennæ longiores: mesothoracis scutum sulculis ordinariis postice conniventibus impressum: abdomen ellipsoideum convexum; segmentum 1^{mum}. breve tuberculis basalibus, 2^{dum}. (e duobus conflatum) maximum lævissimum, sequentia brevia non recondita: anus incurvatus compressus integer: aculeus perbrevis incurvatus, valvulis parvis cultratis, vagina faleata: alarum anticarum stigma ovato-lanceolatum, areola disci antica fere contigua, radialis oblongo-ovata apicem alæ accedens, brachialis posterior anteriorem parum superans: nervus recurrens interstitialis.

SECTIO A.

Ungues bifidi: abdominis segmentum 1^{mum}. perbreve subquadratum.

Sp. 2. L. A. muricatus. Fem. *Abdominis medio pedibusque rufis; coxis posticis validè dentatis; ventre bifariam spinuloso.* (Long. corp. 1 $\frac{2}{3}$ lin.; alar. 3.)

Ancylos muricatus. Hal. Ent. Mag. Vol. I. p. 261.

Niger nitidus: antennæ circiter 31-articulatæ, corpore paulo longiores, basi nonnihil rufescentes supra obscuriûs: palpi rufescentes: abdomen antice rufum segmento 1^{mo}. dorsi nigro, postice nigrum:

segmenta ventralia apice spinulis binis instructa posticè obsoletioribus: aculei valvulæ ferrugineæ aut piceæ: pedes rufi unguibus fuscis: coxæ posticæ basi fuscomaculatæ, apice in dentem validum productæ: alæ hyalinæ stigmatæ fusco, nervis dilutius, radice et squamulis obscure stramineis.

Habitat in nemoribus non infrequens: *mas* incognitus.

Sp. 3. L. A. *lituratus*. Fem. *Abdominis lateribus pedibusque rubiginosis; coxis posticis subdentatis; ventre subtilius spinuloso*. (Long. corp. 2 lin.; alar. $3\frac{3}{4}$.)

Præcedenti simillimus, major, rubedine sordidiore: abdomen longius et gracilius, lateribus rubiginosum, segmenti 2^{de}. dorso piceo: ventris spinulæ subtiliores: pedes rubiginosi; anteriorum tarsi apice posticorum coxæ basi, tibiæ apice tarsique fuscescentes: coxæ obsoletius dentatæ.

Variat, duplo minor coxis immaculatis adhuc obsoletius dentatis.

Præcedente longe rarior.

SECTIO B.

Ungues integri: abdominis segmentum 1^{um}. longius quam latius, antice attenuatum: posteriora breviora.

Sp. 4. L. A. *excrucians*. Fem. *Pedibus flavo-ferrugineis; segmento 1^{mo}. basi sensim attenuato; ventre spinuloso*. (Long. corp. $1\frac{1}{2}$; alar. 3 lin.)

Niger nitidus: antennæ circiter 24-articulatæ, corpore parum longiores; articuli nonnulli baseos flavo ferruginei, dorso fusci: os flavo-ferrugineum, palpi pallidiores: abdominis segmentum 1^{um}. a basi inde sensim dilatatum subtiliter aciculatum tuberculis inconspicuis: aculei valvulæ ferrugineæ: pedes flavoferruginei unguibus fuscis: coxæ posticæ inermes, basi supra fuscomaculatæ: alæ fere quales præcedentibus.

Habitat in nemoribus ubi fungi scatent: *mas* incognitus.

Sp. 5. L. A. *edentatus*. Fem. *Pedibus flavo-ferrugineis, coxis nigris; segmento 1^{mo}. basi angulato*. (Long. corp. $1\frac{1}{2}$; alar. 3 lin.)

Præcedente robustior: antennæ circiter 26-articulatæ basi subtus obscure ferrugineæ: mandibulæ flavo-ferrugineæ apice fuscae: palpi pallidiores: abdominis segmentum 1^{um}. aciculatum, latius quam præcedenti, anticè quidem attenuatum, sed tuberculis bascos

magnis prominulis apicis latitudinem fere æquantibus : aculei vulvæ piceæ : pedes flavo-ferruginei, tarsis basi denota fuscis, coxis nigris inermibus : alæ obscure hyalinæ stigmatе nervisque fuscis, radice stramineâ, squamulis piceis : areola radialis basi perpaulo latior apice attenuata, in formam semicordatam (qualis denique in *Sigalphis* Neesianis extat) e longinquo accedens.

Binis exemplaribus quæ sola mihi adsunt, jam vetustate sordidis, abdomen subdepressum est ventre complanato inermi ; sed hoc vi aut casu accidisse suspicor.

Subgen. III.—CENTISTES.

Gen. *Ancylus*. Div. 1^{ma}. *Hal. Ent. Mag.* Vol. I. p. 261.

Trophæ et characteres plurimi *Ancyli*. Mesothoracis scutum absolutè lævigatum : abdomen obovatum, segments 1^{mo}. longiusculo conico-attenuato tuberculis baseos inconspicuis, 2^{do}. longo, reliquis brevissimis, *mari* subdepressum, *femine* convexum ventre compresso : aculeus deflexus subulatus.

Sp. 5. *L. C. cuspidatus*. Mas et Fem. *Pedibus ferrugineo-flavis, posticorum tibiis apice tarsisque fuscescentibus*. (Long. corp. $1\frac{1}{3}$; alar. $2\frac{2}{3}$ lin.)

Ancylus cuspidatus. *Hal. Ent. Mag.* Vol. I. p. 261.

Fem.—Niger nitidissimus : antennæ circiter corporis longitudine, (in utroque sexu 24-articulatæ) : articuli basales subtus, clypeus et os ferrugineo-flavi, palpi pallidiores : abdominis segmentum 1^{um}. aciculatum : aculeus niger, ejusdem segmenti longitudine : pedes ferrugineo-flavi unguibus, posticorum etiam tibiis apice tarsisque fuscescentibus : alæ hyalinæ stigmatе nervisque ferrugineo-fuscis, radice et squamulis obscure stramineis : areola radialis paulo oblongior quam *L. excrucianti*.

Mas.—Antennis longioribus.

Habitat in umbrosis nemorum *mas* frequens ; *femina* nonnisi rarissime, locis fungiferis.

Subgen. IV.—LEIOPHRON.

Gen. *Leiophron*. *Nees. Act. Acad.* Tom. IX. (A. D. 1819,) Lin. 2. Genus 6.

————— *Curtis. Br. Ent.* 476.

Labrum transversum semiovale epipharynga obtegens, hujus ligulâ tantum prostante : palporum maxillarium articulus 1^{mus}. 2^{do}. parum longior : labiales 3-articulati articulis longitudine subequali-

bus : antennæ breviusculæ : caput transversum sed crassius quam præcedentibus, in formam rotundato-cubicam accedens : occiput subtiliùs marginatum : abdomen subsessile aut subpetiolatum, ovatum convexum, segmento 2^{do}. longe maximo (e duobus conflato), 3^{tio}. perbrevis, reliquis plerunque retractis : aculeus reconditus, valvulis minutissimis ovatis, vaginâ decurvâ subulatâ : alarum anticarum stigma trigonum crassum, areolam cubitalem 2^{dam}. fere aut reverâ contingens, areola radialis ab apice alæ longè remota, semilunata, stigmate non longior, antica disci perparum remota, brachiales conterminæ ; nervus recurrens interstitialis.

SECTIO A.

Segmento 1^{mo}. vix longiore quam latiore.

Sp. 7. *L. mitis. Niger antennis et pedibus ochraceis.*
(Long. corp. $1\frac{1}{3}$; alar. 3 lin.)

Niger nitidus : antennæ corpore paulo breviores parum teretes 23-articulatæ, obscure ochraceæ : os palpique concolores : mesothoracis scutum sulculis punctatis postice conniventibus, medio læve : metathorax granulatus pubescens : abdominis segmentum 1^{um}. aciculatum, tuberculis prope basin sitis, basi ipsâ constrictum : pedes ochracei, postici obscuriores, coxæ nigricantes : alæ hyalinæ nervis et stigmate dilute fuscis, radice et squamulis ochraceis. Videtur esse *femina*.^a

SECTIO B.

Segmento 1^{mo}. elongato attenuato.

(B.) a.

Mesothoracis sulculis ordinariis punctatis.

† Sp. 8. *L. orchesiæ. Curt. Br. Ent. 476. No. 1.*

Sp. 9. *L. pallipes. Mas et Fem. Niger antennis basi et pedibus ochraceis ; thoracis dorso et scutello vage punctatis pubescentibus ; petiolo obconico, striolato, tuberculis inconspicuis.* (Long. corp. $1\frac{1}{2}$; alar. $2\frac{5}{4}$ lin.)

Curt. Br. Ent. 476. No. 1.

Niger nitidus : antennæ nigro-fuscæ basi ochraceæ, *feminæ* 21-23-articulatæ longitudine capitis cum thorace et petiolo ; *mari* longi-

^a I have seen but one individual of this species, which appears to have sustained some injury in the pupa, as its wings are not fully expanded. Possibly the unusual shortness of the first segment may have been produced by accident also, as in its other characters the species agrees with those of the following section.

ores et graciliores, 24- 26-articulatæ: facies albido pubescens: tempora parcè punctata et pubescentia: mesothoracis sulculi in foveam confertim punctatam ante scutellum effusi: scutum et scutellum vage punctata pubescentia: metathorax (*i. e.* postscutellum aut propodeon) reticulato-rugosus pubescens: abdominis segmentum 1^{mum}. a basi tenui in apicem sensim dilatatum, absque tuberculis manifestis, subtiliter et regulariter striolatum: pedes ochracei nonnunquam ferruginei, postici sæpe brunnei: coxæ vel concolores vel posteriores nigricantes: alæ obscure hyalinæ radice et squamulis brunneis, stigmate dilute fusco basi pallescente, areolam cubitalem secundam non contingente: areola radialis itaque sub stigmate non acuminata et magis arcuata est quam in plerisque sequentibus: nervi omnes satis distincti, dilute fusci.

Habitat in agris passim satis frequens.

Obs.—Thoracis punctura et pubescentia, petioli forma et sculptura concinna speciem prima facie optime designant: non dissimulandum tamen in copiâ exemplarium nonnulla esse obvia, staturæ minoris sed a genuinis non temere dissocianda, quæ sensim immutata characteres illos infirmant: de reliquis igitur quorum tantum unum vel alterum exemplar intueri mihi contigit, dubium oritur an discrimina inde petita satis valeant: his angustis etsi commotus, nihilominus hic breviter commemorabo species a Cl. Curtisio jam vulgatas et pro solita benevolentia mecum communicatas.

† Sp. 10. *L. nitidus.* *Curt. Br. Ent.* 476. No. 3.

Sp. 11. *L. picipes.* Mas et Fem. *Piceus capite thorace et petiolo nigris; petiolo parum dilatato, ruguloso, obsolete taberculato.* (Long. corp. $1\frac{1}{4}$; alar. $2\frac{1}{4}$ lin.)

Curt. Br. Ent. 476. No. 2.

L. pallipedi affinis: antennæ feminae breviores, piceæ basi dilutius, 18-articulatæ: thoracis limbus et scutellum obsolete punctata: metathorax rugoso-reticulatus: abdominis segmentum 1^{mum}. apice parum dilatatum, medio obsolete tuberculatum, longitudinaliter rugulosum rugulis confluentibus: pedes antici dilutius picei aut brunnei, posteriores picei, coxis nigris trochanteribus apice pallidis: pedes breviusculi sunt et crassiusculi; tarsi anteriores præsertim breves: alæ obscure hyalinæ stigmate piceo basi pallescente, radice et squamulis brunneis.

Sp. 12. *L. accinctus*. *Capite thorace et petiolo nigris, abdomine piceo, antennis basi et pedibus ferrugineis; petiolo fere lineari, ruguloso, tuberculis acute prominulis.* (Long. corp. $1\frac{1}{4}$; alar. $2\frac{1}{2}$ lin.)

Mas?—Antennæ 22-articulatæ graciles corpore parum breviores, fuscae basi ferrugineæ: thoracis sulculi crenati ante scutellum conniventes: scuti intervallum impunctatum: scutellum obsolete punctatum: metathorax subtiliter rugulosus: segmentum 1^{mum}. fere lineare longitudinaliter rugulosum, tuberculis circa medium acutè prominulis, ante illa nonnihil coarctatum: alæ hyalinæ radice et squamulis stramineis, stigmate dilute brunneo basi pallido, areolam cubitalem secundam contingente: areola radialis angusta sub stigmate acuminata.

Sp. 13. *L. similis*. *Fem. Capite thorace et petiolo nigris, abdomine piceo, antennis basi et pedibus dilute ochraceis; petiolo fere lineari punctato-reticulato.* (Long. corp. 1; alar. 2 lin.)

Curt. Br. Ent. 476. No. 4.

Fem.—Antennæ 16-articulatæ, capitis cum thorace et petiolo longitudine, fuscæ basi dilute ochraceæ: thoracis sulculi ante scutellum in foveam confertim punctulatam effusi: scuti medium et scutellum impunctata: metathorax punctato reticulatus: abdomen piceum; segmentum 1^{mum}. nigricans punctato-reticulatum, gracile apice vix paulo latius, tuberculis inconspicuis: pedes dilute ochracei: alæ obscure hyalinæ stigmate fusco-pallido, nervis tenuissimis, areola radiali perparva.

SECTIO (B.) b.

Mesothoracis sulculis lævigatis aut oblitteratis.

Sp. 14. *L. intactus*. *Piceus antennis basi et pedibus silaceis; antennis longitudine corporis.* (Long. corp. plusquam 1 lin.; alar. 2.)

Fem.?—Caput et thorax nigro-picea nitidissima, abdomen rufopiceum: antennæ 16-articulatæ graciles filiformes, subfuscae basi silaceæ: mesothoracis sulculi subtilissimi lævigati, postice evanescentes; metathorax nitidiusculus confertim punctatus: abdominis segmentum 1^{mum}. punctato-reticulatum, lineare basi constrictum, circa medium tuberculatum: pedes silacei: alæ obscure hyalinæ stigmate dilute ochraceo, radice et squamulis piceo-stramineis.

Sp. 15. *L. fulvipes*. Mas et Fem. *Piceus antennis basi et pedibus dilute ochraceis; antennis perbrevibus*. (Long. corp. vix 1 lin.; alar. $1\frac{3}{4}$.)

Curt. Br. Ent. 476. No. 5.

Caput et thorax nigro-picea nitidissima, abdomen rufo-piceum: antennæ 16-articulatæ dilute ochraceæ apice fuscæ; *femine* crassiusculæ longitudine capitis cum thorace, *mari* paulo longiores et graciliores: mesothoracis scutum lævigatum: metathorax punctato-reticulatus: abdominis segmentum 1^{mum}. punctato-reticulatum, paulo brevius quam proxime affinibus, basi constrictum, ante medium tuberculatum, apice perparum dilatatum: pedes breviusculi dilute ochracei: alæ obscure hyalinæ stigmatibus dilute brunneo basi pallido, nonnunquam pallide ochraceo, radice et squamulis piceo-stramineis.

Habitat circa sepes herbidos satis frequens.

Sp. 16. *L. pallidistigma*. Fem. *Piceus antennis pedibus et alarum stigmatibus silaceis*. (Long. corp. 1; alar. 2 lin.)

Curt. Br. Ent. 476. No. 6.

Differt a præcedente statura procera, pedibus et petiolo longioribus et gracilioribus: antennæ 16-articulatæ capite cum thorace parum longiores, totæ silaceæ: abdominis segmentum 1^{mum}. punctato-reticulatum, lineare basi nonnihil constrictum, medio tuberculatum: alæ hyalinæ stigmatibus silaceo aut stramineo, radice et squamulis stramineis.

Habitat cum præcedente rarius.

†Sp. 17. *L. basalis*. *Curt. Br. Ent.* 476. No. 6^a.

Sp. 18. *L. apicalis*. Mas et Fem. *Flavotestaceus abdomine postice nigricante, femine metathoracæ concolore*. (Long. corp. $1\frac{1}{4}$; alar. 2 lin.)

Curt. Br. Ent. 476. No. 7. et Fig.

Diaphane flavotestaceus: oculi virides: ocelli fusi: antennæ pallidiores apice summo fuscæ, graciles filiformes, longitudine capitis cum thorace et petiolo, 16 aut 17-articulatæ articulo 3^{tio}. prælongo: mesothoracis scutum lævissimum: punctum fuscum supra radicem alarum: metathorax punctato-reticulatus in *feminâ* nigricans: abdominis segmentum 1^{mum}. elongatum gracillimum planè lineare, ante medium tuberculatum, punctatum: segmentum 2^{dum}. basi pallide flavotestaceum, dehinc ut sequentia,

nigrum : pedes graciles pallidiores : alæ hyalinæ stigmatè pallido apice fusco-tincto : areola radialis perbrevis ; cubitalis interior et antica disci apice effusæ.

ADDENDA ET CORRIGENDA.

Vol. I. p. 273. Stirps III. Dryini.

Huc referendum Genus *Embolemus* (Westwood, *Philos. Mag.* 3d Ser. Vol. II. p. 444), thorace, abdomine, alis et antemarum articulorum numero cæteris congruens : etsi caput globosum, frontis tuberculum cui antennæ insident solito superiùs et harum eximia proceritas faciem alienam imprimunt, et cum Stirpe quinta connexionem quamvis e longinquo pulcherrimè exhibent.—^{Duus.} Westwood loco laudato alarum nervos ad typum *Alysiidarum* retulit ; sed hæc observatio nonnisi caute accipienda est : namque ala *Embolemini* typum *Dryinorum* reliquorum sequitur ab *Evanis* parum discrepantem ; nec inter *Ichneumones* talem obviam esse credo, quorum nervi costalis et subcostalis semper intimè connexi familiæ characterem constantissimum præbent.

Vol. I. p. 274. Gen. XVIII. Cinetus.

Bina Genera hic esse confusa seriùs cognovi, viz.

XVIII. Cinetus : antennæ fractæ scapo elongato, *mari* 14-articulatæ articulo 3^{tio}. sinuato, *feminæ* 15-articulatæ : frons producta : mesothoracis scutum bisulcum. *Sp. C. gracilipes. Curt. Br. Ent.*

XVIII^a. Ismarus : antennæ scapo parum elongato, articulo tertio recto : *mari* 15-articulatæ, *feminæ* 14-articulatæ : frons lata æquata : mesothoracis scutum lævigatum. *Sp. Cinetus dorsiger Curt. B. E.*

Vol. II. p. 230. *Mirax rufilabris*.

Exemplaribus vivis collatis jam plura corrigenda esse videntur, et nomen triviale immutandum ; legas itaque.

Sp. M. Spartii.

Caput rufo-castaneum albedo-pubescenti vertice medio nigricante : oculi virides : antennæ nigro-fuscæ pedicello ferruginoso : thorax niger : mesothorax lævis sericeus subtilissime albedo pubescens : metathorax lævissimus nitidus : abdomen nigrum nitidum segmentis 2 anterioribus pallide flavis : pedes ferruginei : alæ fusco-hyalinæ, basi flavescences, stigmatè fusco apice summo decolore,

nervis dilute fuscis, squamulis fusco-ferrugineis. (Long. corp. 1 lin.; alar. $2\frac{1}{2}$.) Caput thoracis, &c.—(ut antea, descriptionis ulterius his emendatis,)—Oculi pilis raris subtilissimis erectis consiti: abdomen thoracis fere longitudine et latitudine, ovato-orbiculatum subdepressum læve: segmenta dorsii octo, anteriora longitudine subæqualia, posteriora lineari-transversa: primi scutum gracillimum (adhuc gracilius quam *Microgastri laterali*), apice attenuatum, latera membranacea late resecta: sextum ventrale leviter carinatum et apice productum, aculeum subexsertum fulciens.

Habitat in Sparti scopario.

Vol. II. p. 252. Sp. 45. Micr. intricatus.^b Vespa, &c.
Ray Ins. 255. 13.

ART. XLIII.—*Characters of some undescribed New Holland
Diptera.* By FRANCIS WALKER.

MEGISTOCERA.—*Wiedemann.*

M. dispar. Mas et Fem. Mari antennæ longissimæ, fem. brevissimæ. Propter femina antennis brevissimas *Magistocera* non benè convenit, at vix genus diversum.

Mas.—Ferruginea, pubescens: oculi nigro-fusci: palpi nigri: antennæ fuscæ, pubescentes, corpore ferè quadruplo longiores; articuli 1^{us}. et 2^{us}. omninò 3^{us}. que basi ferruginei: thorax subtus pallidior: mesothorax vittis supra 3 pallidis: abdomen utrinque fusco fasciatum, apice obscurius: pedes ferruginei, longi, graciles, pubescentes, femora et tibiæ apice tarsique nisi ad basin fusca: alæ hyalinæ, iridescentes, basi et ad costam fusco-flavæ; squamulæ et nervi flava, hi ad apices plerumque fusci: halteres flavi, apice pallidè fusci.

Fem.—Mari similis at obscurior, thorax angustior, abdomen longius, pedes breviores, alæ paullò breviores et angustiores: antennæ obscurè fuscæ, capite breviores; articuli 1^{us}. et 2^{us}. ferruginei:

^b In the course of last autumn, Mr. Curtis and I found the follicles of this species in profusion, attached to springs of heath, grass, &c. in the Western Isles. The caterpillars of *Mamestra Pisi* were wandering about the same places, and to them probably the "*Eruca viridis lineolis albicantibus*" of Ray should be referred. Two species of *Hemiteles*, and one of *Pezomachus*, were produced in abundance out of these follicles, along with the *Microgaster*.